AMI is a snapshot of your configured instance on AWS.

It includes all the settings, files, and users you've set up on your instance.

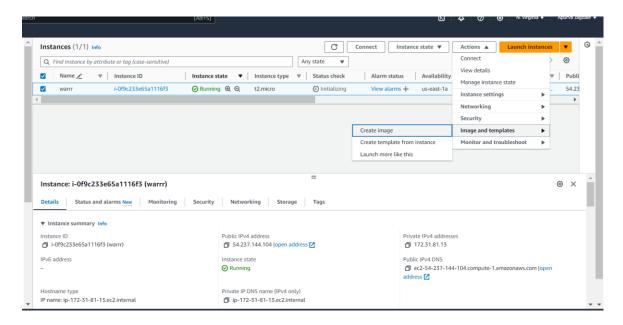
1)HOW TO CREATE AN AMI (Amazon Machine Image) ??

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Amazon Linux 2023

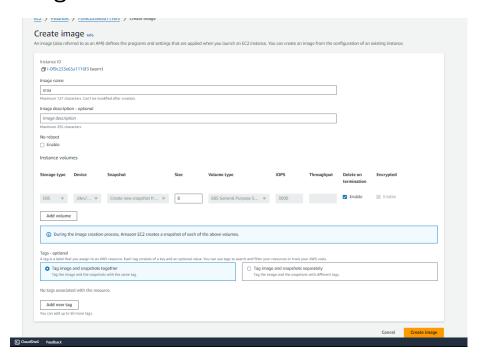
Amazon Linux
```

If you have an Instance with configuration and you want to replicate it simply you can create AMI.

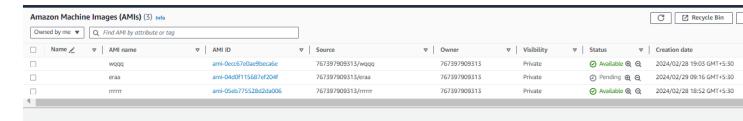
Step I: In EC2 dashboard, go to instances then select your instance then click on Actions button and select the Image and Templates option and choose the create image.



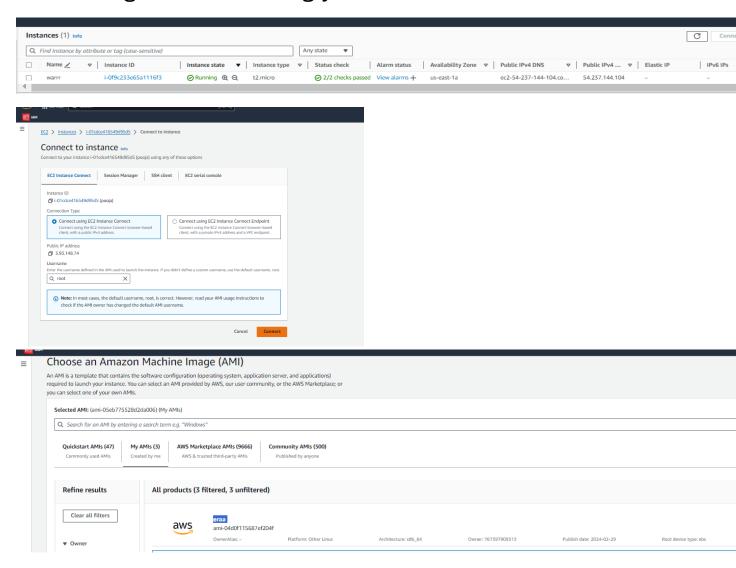
Step II: give name of your image, and click on create image.



Step III: check the AMI and Snapshots are created or not.



Step IV: then Launch the new instance using this AMI and configure it accordingly.





Step V: select the instance and connect it.

Step VI: after connecting, check the content of old instance is present or not.

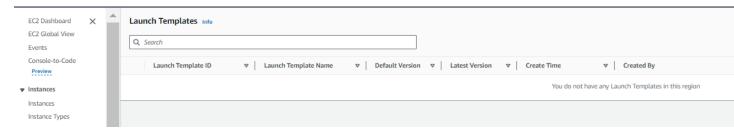
2) HOW TO CREATE TEMPLATE AND LAUNCH IT ???

Template is the way to quickly create Instances with predefined Settings.

It save your time by automating the instance Creation Process.

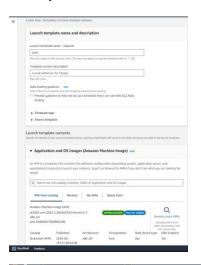
Step I: to create the template go to EC2 service and click on "Launch Templates".

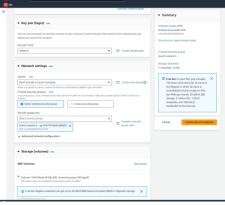
Step II: then click on "Create Launch Template" and give the name and description for template.



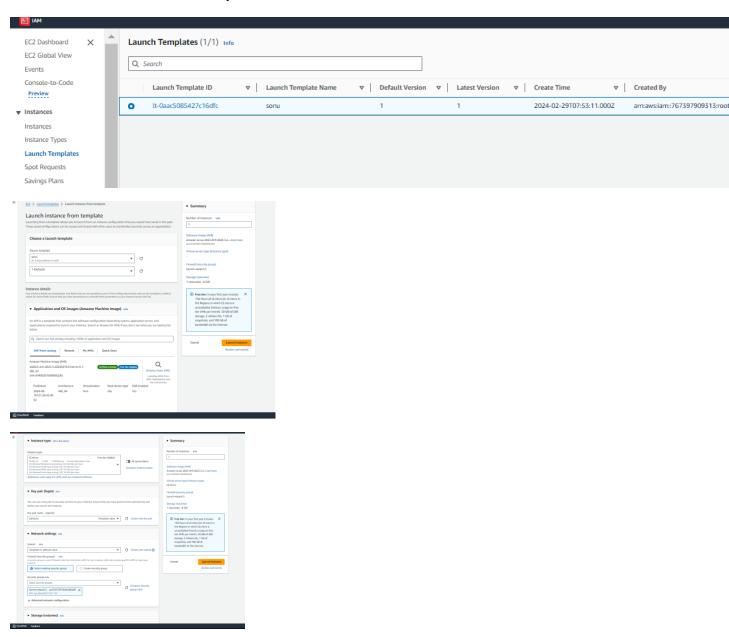
Step III : Select the AMI ,Instance type, key-pair and Security groups.

Step IV: Click on "Create Launch Template"

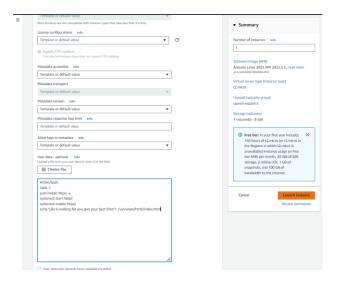




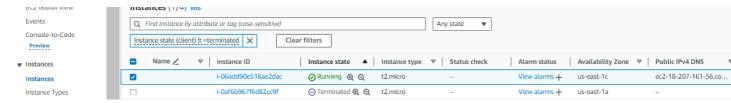
Step V: go to templates select the template then Click on Actions and choose the option Launch instance from Template.



Step VI: we also add the shell scripts to run when the instance launches. Do that ,and launch Instance.

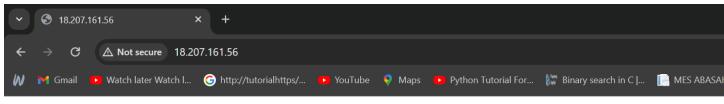


Step VII: And here ,Instance is created based on your launch template.



Step VIII: Select the Instance public IP, copied it and paste on your another browser.

Step IX: Output wil be Generated.



Life is waiting for you give your best Shot